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PCT

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WO 01/02926 A3(51) International Patent Classification⁷:

G06F 17/60

(74) Agent: LEE, Jae, Hwa; 4th floor, Duck chun B/D.,
718-10, Yoksam 1-dong, Kangnam-ku, Seoul 135-081
(KR).

(21) International Application Number: PCT/KR00/00725

(22) International Filing Date: 6 July 2000 (06.07.2000)

(81) Designated States (national): CN, JP, US.

(25) Filing Language:

English

(84) Designated States (regional): European patent (AT, BE,
CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC,
NL, PT, SE).

(26) Publication Language:

English

Published:

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(30) Priority Data:

1999/27097

6 July 1999 (06.07.1999)

(88) Date of publication of the international search report:

2000/6298

10 February 2000 (10.02.2000)

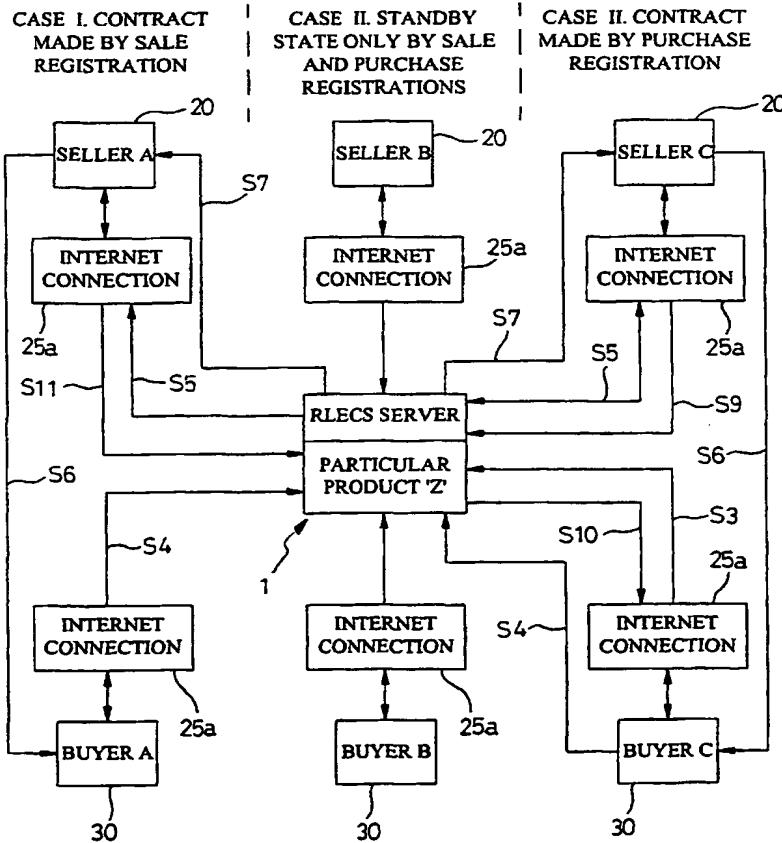
KR 21 March 2002

(71) Applicant and

(72) Inventor: SEO, Hong, Cheol [KR/KR]; 204-305 Sejong
Regencyvil, Taekjigebal 2 Jigu, 2-3 Block, Gugal-ri, Giheung-eub, Yongin-si, Kyungki-do 449-701 (KR).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: READY LISTED ELECTRONIC COMMERCE SYSTEM AND METHOD



(57) **Abstract:** An electronic commerce system and method provides a transaction circumstance in which a product list shows a market condition or a just previous contract price of each product, so as to be a reference for a transaction between a seller and a buyer, and the buyer and the seller mutually corrects a purchase price and a sale price, respectively, in order to negotiate a contract price, to thereby enable both the buyer and the seller to perform a transaction on a satisfactory condition. A number of buyers and sellers access a home page of a system server providing a list of products on the home page of the system server connected to the Internet, a purchase registration column, and a sale registration column in response to the access of the terminal of the sellers and buyers and supports a simultaneous and multi-occurring electronic commerce.

WO 01/02926 A3

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GROUP 300

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 00/00725

CLASSIFICATION OF SUBJECT MATTER

IPC⁷: G06F 17/60

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷: G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, PAJ, EPODOC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No |
|----------|---|----------------------|
| Y | WO 99/05629 A1 (Bergato) 4 February 1999 (04.02.99) <i>fig 1 and description.</i> | 1-18 |
| Y | WO 99/19819 A1 (Electronic System Goods Service) 22 April 1999 (22.04.99) <i>fig. 3 and description.</i> | 1-18 |

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:

- ..A" document defining the general state of the art which is not considered to be of particular relevance
- ..E" earlier application or patent but published on or after the international filing date
- ..L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- ..O" document referring to an oral disclosure, use, exhibition or other means
- ..P" document published prior to the international filing date but later than the priority date claimed

- ..T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- ..N" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- ..Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- ..&" document member of the same patent family

| | |
|---|--|
| Date of the actual completion of the international search | Date of mailing of the international search report |
| 6 September 2001 (06.09.2001) | 26 September 2001 (26.09.2001) |
| Name and mailing address of the ISA/AT Austrian Patent Office Kohlmarkt 8-10; A-1014 Vienna Facsimile No. 1/53424/535 | Authorized officer SCHLECHTER Telephone No. 1/53424/448 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR 00/00725

| Patent document cited in search report | | | Publication date | Patent family member(s) | | | Publication date |
|---|----|---------|---------------------|----------------------------|----|----------|---------------------|
| WO | A1 | 9905629 | 04-02-1999 | AU | A1 | 86622/98 | 16-02-1999 |
| | | | | EP | A1 | 1008085 | 14-06-2000 |
| | | | | US | A | 5950178 | 07-09-1999 |
| WO | A1 | 9919819 | 22-04-1999 | AU | A1 | 89013/98 | 03-05-1999 |
| | | | | EP | A1 | 996917 | 03-05-2000 |
| | | | | US | A | 5970475 | 19-10-1999 |

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PATENT COOPERATION TREATY

PCT

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REC'D 18 JUN 2002

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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

| Applicant's or agent's file reference | FOR FURTHER ACTION | | See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416) |
|--|--|--|---|
| International application No. PCT/KR 00/00725 | International filing date (day/month/year) 6 July 2000 (06.07.2000) | Priority Date (day/month/year) 6 July 1999 (06.07.1999) | |

International Patent Classification (IPC) or national classification and IPC

IPC⁷: G06F 17/60

Applicant

SEO, Hong Cheol

1. This international preliminary examination report has been prepared by this International Preliminary Examination Authority and is transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of 4 sheets, including this cover sheet.

This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of _____ sheets.

3. This report contains indications relating to the following items:

- I. Basis of the opinion
- II. Priority
- III. Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV. Lack of unity of invention
- V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability: citations and explanations supporting such statement
- VI. Certain documents cited
- VII. Certain defects in the international application
- VIII. Certain observations on the international application

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GROUP 3600

| | |
|---|---|
| Date of submission of the demand 06.02.2001 | Date of completion of this report 29 April 2002 (29.04.2002) |
| Name and mailing address of the IPEA/AT Austrian Patent Office Kohlmarkt 8-10 A-1014 Vienna Facsimile No. 1/53424/200 | Authorized officer SCHLECHTER Telephone No. 1/53424/448 |

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/KR 00/00725

I. Basis of the report

1. With regard to the **elements** of the international application:*

the international application as originally filed

the description:

pages _____, as originally filed

pages _____, filed with the demand

pages _____, filed with the letter of _____

the claims:

pages _____, as originally filed

pages _____, as amended (together with any statement) under Article 19

pages _____, filed with the demand

pages _____, filed with the letter of _____

the drawings:

pages _____, as originally filed

pages _____, filed with the demand

pages _____, filed with the letter of _____

the sequence listing part of the description:

pages _____, as originally filed

pages _____, filed with the demand

pages _____, filed with the letter of _____

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language _____ which is:

the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).

the language of publication of the international application (under Rule 48.3(b)).

the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

contained in the international application in printed form.

filed together with the international application in computer readable form.

furnished subsequently to this Authority in written form.

furnished subsequently to this Authority in computer readable form.

The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

the description, pages _____.

the claims, Nos. _____.

the drawings, sheets/fig _____.

5. This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as ..originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.
PCT/KR 00/00725

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability: citations and explanations supporting such statement

| | | |
|-------------------------------|-------------|-----|
| 1. Statement | | |
| Novelty (N) | Claims 1-18 | YES |
| | Claims | NO |
| Inventive step (IS) | Claims | YES |
| | Claims 1-18 | NO |
| Industrial applicability (IA) | Claims 1-18 | YES |
| | Claims | NO |

Citations and explanations (Rule 70.7)

The following documents are cited in the Search Report:

D1: WO 99/05629 A1

D2: WO 99/19819 A1

When systemizing the e-commerce method of D1, the following is considered as an exercise of ordinary creative activity expected from a person skilled in the art:

- preparing list of products on e-commerce server
- providing sale and purchase registration possibility
- downloading said list to potential buyers and sellers
- bidding and registering each commerce condition
- indicating highest purchase prize and lowest sale price
- expressing purchase or sale intentions

Considering D2, the following practices exercised in Internet business transactions are common technical knowledge:

- transferring a product bill to a designated bank account due to purchase or selling intention
- delivering of products due to transferring product bill
- transferring product bill to seller

The claimed subject matter is easily perceived by a person skilled in the art since it is nothing more than mere combination of human transaction via Internet known from D1 with well known e-commerce business including bank transaction known from D2.

Moreover, by comparing the claimed subject matter with the cited documents, no blocking factor for combination of teachings from D1 and D2 can be found therein and such a combination is within the ordinary creative activity expected from a person skilled in the art.

Therefore claims 1 to 18 are lacking of inventive step.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.
PCT/BR 00/00725

Supplemental Box

(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of: Box V (page 1)

Industrial applicability is given.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

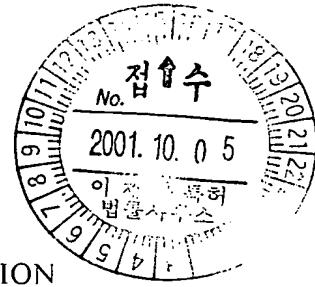
To:

LEE, Jae Hwa
4th Floor Duck chun B/D 718-10
Yoksam 1-dong, Kangnam-ku,
Seoul, 135-081,
Republic of Korea

PCT

WRITTEN OPINION

(PCT Rule 66)



Date of mailing
(day/month/year) 26 September 2001 (26.09.2001)

| | | | |
|--|--|--|--|
| Applicant's or agent's file reference | | REPLY DUE | |
| | | within 1 months/days from the above date of mailing | |
| International application No. PCT/KR 00/00725 | International filing date (day/month/year) 6 July 2000 (06.07.2000) | Priority date (day/month/year) 6 July 1999 (06.07.1999) | |
| International Patent Classification (IPC) or both national classification and IPC IPC ⁷ : G06F 17/60 | | | |
| Applicant SEO, Hong Cheol | | | |

1. This written opinion is the **first** (first, etc.) drawn by this International Preliminary Examining Authority.

2. This opinion contains indications relating to the following items:

- I. Basis of the opinion
- II. Priority
- III. Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV. Lack of unity of invention
- V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability:
citations and explanations supporting such statement
- VI. Certain documents cited
- VII. Certain defects in the international application
- VIII. Certain observations on the international application

3. The applicant is hereby invited to reply to this opinion.

When? See the time limit indicated above. The applicant may, before the expiration of that time limit, request this Authority to grant an extension, see Rule 66.2(d).

How? By submitting a written reply, accompanied, where appropriate, by amendments, according to Rule 66.3.
For the form and the language of the amendments, see Rules 66.8 and 66.9.

Also For an additional opportunity to submit amendments, see Rule 66.4.
For the examiner's obligation to consider amendments and/or arguments, see Rule 66.4bis.
For an informal communication with the examiner, see Rule 66.6.

If no reply is filed, the international preliminary examination report will be established on the basis of this opinion.

4. The final date by which the international preliminary examination report must be established according to Rule 69.2 is: 6 November 2001 (06.11.2001).

| | |
|--|---|
| Name and mailing address of the IPEA/AT Austrian Patent Office Kohlmarkt 8-10; A-1014 Vienna | Authorized officer SCHLECHTER |
| Facsimile No. 1/53424/200 | Telephone No. 1/53424/448 |

WRITTEN OPINION

International application No.

PCT/KR 00/00725

I. Basis of the opinion**1. With regard to the elements of the international application:*** the international application as originally filed the description:

pages , as originally filed

pages , filed with the demand

pages , filed with the letter of

 the claims:

pages , as originally filed

pages , as amended (together with any statement) under Article 19

pages , filed with the demand

pages , filed with the letter of

 the drawings:

pages , as originally filed

pages , filed with the demand

pages , filed with the letter of

 the sequence listing part of the description:

pages , as originally filed

pages , filed with the demand

pages , filed with the letter of

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language _____ which is:

 the language of a translation furnished for the purposes of international search (under Rule 23.1(b)). the language of publication of the international application (under Rule 48.3(b)). the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).**3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the written opinion was drawn on the basis of the sequence listing:** contained in the international application in printed form. filed together with the international application in computer readable form. furnished subsequently to this Authority in written form. furnished subsequently to this Authority in computer readable form. The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished. The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.**4. The amendments have resulted in the cancellation of:** the description, pages the claims, Nos. the drawings, sheets/fig**5. This opinion has been drawn as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this opinion as „originally filed“.

WRITTEN OPINIONInternational application No.
PCT/KR 00/00725**V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

| | | |
|-------------------------------|-------------|-----|
| 1. Statement | | |
| Novelty (N) | Claims 1-18 | YES |
| | Claims | NO |
| Inventive step (IS) | Claims | YES |
| | Claims 1-18 | NO |
| Industrial applicability (IA) | Claims 1-18 | YES |
| | Claims | NO |
| Citations and explanations | | |

The following documents are cited in the Search Report:

D1: WO9905629A1

D2: WO9919819A1

When systemizing the e-commerce method of document D1, the following is considered as an exercise of ordinary creative activity expected from a person skilled in the art:

- preparing list of products on e-commerce server
- providing sale and purchase registration possibility
- downloading said list to potential buyers and sellers
- bidding and registering each commerce condition
- indicating highest purchase price and lowest sale price
- expressing purchase or sale intentions.

Considering document D2, the following practices exercised in Internet business transactions are common technical knowledge:

- Transferring a product bill to a designated bank account due to purchase or selling intention
- delivering of products due to transferring of product bill
- and transferring product bill to seller.

The claimed subject matter is easily perceived by a person skilled in the art since it is nothing more than mere combination of human transactions via Internet known from D1 with well known e-commerce business including bank transaction known from D2.

WRITTEN OPINION

International application No.
PCT/KR 00/00725

Supplemental Box

(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of: Box V

Moreover, by comparing the claimed subject matter with the cited documents, no blocking factor for combination of teachings from D1 and D2 can be found therein and such combination is within the ordinary creative activity expected from a person skilled in the art.

Therefore claims 1 to 18 are lacking of inventive step.

Industrial applicability is given.

PATENT COOPERATION TREATY

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION OF ELECTION
(PCT Rule 61.2)

To:

Commissioner
US Department of Commerce
United States Patent and Trademark
Office, PCT
2011 South Clark Place Room
CP2/5C24
Arlington, VA 22202
ETATS-UNIS D'AMERIQUE

in its capacity as elected Office

| | |
|---|---|
| Date of mailing (day/month/year) 09 April 2001 (09.04.01) | To: |
| International application No. PCT/KR00/00725 | Applicant's or agent's file reference |
| International filing date (day/month/year) 06 July 2000 (06.07.00) | Priority date (day/month/year) 06 July 1999 (06.07.99) |
| Applicant SEO, Hong, Cheol | |

1. The designated Office is hereby notified of its election made:

in the demand filed with the International Preliminary Examining Authority on:

06 February 2001 (06.02.01)

in a notice effecting later election filed with the International Bureau on:

2. The election was

was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

| | |
|---|--|
| The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35 | Authorized officer Zakaria EL KHODARY Telephone No.: (41-22) 338.83.38 |
|---|--|

PCT

REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For receiving Office use only

International Application No.

International Filing Date

Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference
(if desired) (12 characters maximum)

Box No. I TITLE OF INVENTION

READY LISTED ELECTRONIC COMMERCE SYSTEM AND METHOD

Box No. II APPLICANT

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

SEO, Hong Cheol
Sejong Regencyvil 204-305, Taekjigebal 2 Jigu
2-3 Block, Gugal-ri, Giheung-eub, Yongin-si,
Kyungki-do 449-701, Republic of Korea

This person is also inventor.

Telephone No.

82-2-3424-1482

Facsimile No.

82-2-3424-1481

Telex No.

State (that is, country) of nationality:

KR

State (that is, country) of residence:

KR

This person is applicant for the purposes of: all designated States all designated States except the United States of America the United States of America only the States indicated in the Supplemental Box

Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

This person is:

applicant only

applicant and inventor

inventor only (If this check-box is marked, do not fill in below.)

State (that is, country) of nationality:

State (that is, country) of residence:

This person is applicant for the purposes of: all designated States all designated States except the United States of America the United States of America only the States indicated in the Supplemental Box

Further applicants and/or (further) inventors are indicated on a continuation sheet.

Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE

The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: agent common representative

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

Telephone No.

82-2-564-7733

LEE, Jae Hwa
4th floor Duck chun B/D., 718-10 Yoksam 1-dong,
Kangnam-ku, Seoul, 135-081, Republic of Korea

Facsimile No.

82-2-564-7743

Telex No.

Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

Box No:V DESIGNATION OF STATES

The following designations are hereby made under Rule 4.9(a) (mark the applicable check-boxes: at least one must be marked):

Regional Patent

AP **ARIPO Patent:** GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT

EA **Eurasian Patent:** AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT

EP **European Patent:** AT Austria, BE Belgium, CH and LI Switzerland and Liechtenstein, CY Cyprus, DE Germany, DK Denmark, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, and any other State which is a Contracting State of the European Patent Convention and of the PCT

OA **OAPI Patent:** BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line)

National Patent (if other kind of protection or treatment desired, specify on dotted line):

| | |
|--|--|
| <input type="checkbox"/> AE United Arab Emirates | <input type="checkbox"/> LR Liberia |
| <input type="checkbox"/> AL Albania | <input type="checkbox"/> LS Lesotho |
| <input type="checkbox"/> AM Armenia | <input type="checkbox"/> LT Lithuania |
| <input type="checkbox"/> AT Austria | <input type="checkbox"/> LU Luxembourg |
| <input type="checkbox"/> AU Australia | <input type="checkbox"/> LV Latvia |
| <input type="checkbox"/> AZ Azerbaijan | <input type="checkbox"/> MA Morocco |
| <input type="checkbox"/> BA Bosnia and Herzegovina | <input type="checkbox"/> MD Republic of Moldova |
| <input type="checkbox"/> BB Barbados | <input type="checkbox"/> MG Madagascar |
| <input type="checkbox"/> BG Bulgaria | <input type="checkbox"/> MK The former Yugoslav Republic of Macedonia |
| <input type="checkbox"/> BR Brazil | <input type="checkbox"/> MN Mongolia |
| <input type="checkbox"/> BY Belarus | <input type="checkbox"/> MW Malawi |
| <input type="checkbox"/> CA Canada | <input type="checkbox"/> MX Mexico |
| <input type="checkbox"/> CH and LI Switzerland and Liechtenstein | <input type="checkbox"/> NO Norway |
| <input checked="" type="checkbox"/> CN China | <input type="checkbox"/> NZ New Zealand |
| <input type="checkbox"/> CR Costa Rica | <input type="checkbox"/> PL Poland |
| <input type="checkbox"/> CU Cuba | <input type="checkbox"/> PT Portugal |
| <input type="checkbox"/> CZ Czech Republic | <input type="checkbox"/> RO Romania |
| <input type="checkbox"/> DE Germany | <input type="checkbox"/> RU Russian Federation |
| <input type="checkbox"/> DK Denmark | <input type="checkbox"/> SD Sudan |
| <input type="checkbox"/> DM Dominica | <input type="checkbox"/> SE Sweden |
| <input type="checkbox"/> EE Estonia | <input type="checkbox"/> SG Singapore |
| <input type="checkbox"/> ES Spain | <input type="checkbox"/> SI Slovenia |
| <input type="checkbox"/> FI Finland | <input type="checkbox"/> SK Slovakia |
| <input type="checkbox"/> GB United Kingdom | <input type="checkbox"/> SL Sierra Leone |
| <input type="checkbox"/> GD Grenada | <input type="checkbox"/> TJ Tajikistan |
| <input type="checkbox"/> GE Georgia | <input type="checkbox"/> TM Turkmenistan |
| <input type="checkbox"/> GH Ghana | <input type="checkbox"/> TR Turkey |
| <input type="checkbox"/> GM Gambia | <input type="checkbox"/> TT Trinidad and Tobago |
| <input type="checkbox"/> HR Croatia | <input type="checkbox"/> TZ United Republic of Tanzania |
| <input type="checkbox"/> HU Hungary | <input type="checkbox"/> UA Ukraine |
| <input type="checkbox"/> ID Indonesia | <input type="checkbox"/> UG Uganda |
| <input type="checkbox"/> IL Israel | <input checked="" type="checkbox"/> US United States of America |
| <input type="checkbox"/> IN India | <input type="checkbox"/> UZ Uzbekistan |
| <input type="checkbox"/> IS Iceland | <input type="checkbox"/> VN Viet Nam |
| <input checked="" type="checkbox"/> JP Japan | <input type="checkbox"/> YU Yugoslavia |
| <input type="checkbox"/> KE Kenya | <input type="checkbox"/> ZA South Africa |
| <input type="checkbox"/> KG Kyrgyzstan | <input type="checkbox"/> ZW Zimbabwe |
| <input type="checkbox"/> KP Democratic People's Republic of Korea | |
| <input type="checkbox"/> KR Republic of Korea | |
| <input type="checkbox"/> KZ Kazakhstan | |
| <input type="checkbox"/> LC Saint Lucia | |
| <input type="checkbox"/> LK Sri Lanka | |

Check-boxes reserved for designating States which have become party to the PCT after issuance of this sheet:

Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

| Box No. VI PRIORITY CLAIM | | <input type="checkbox"/> Further priority claims are indicated in the Supplemental Box. | | |
|---|-------------------------------|---|---------------------------------------|---|
| Filing date of earlier application (day/month/year) | Number of earlier application | Where earlier application is: | | |
| | | national application: country | regional application: regional Office | international application: receiving Office |
| item (1) 6 July 1999 (6. 7. 1999) | 1999-27097 | KR | | |
| item (2) 10 February 2000 (10. 2. 2000) | 2000-6298 | KR | | |
| item (3) | | | | |

The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of the present international application is the receiving Office) identified above as item(s):

* Where the earlier application is an ARIPO application, it is mandatory to indicate in the Supplemental Box at least one country party to the Paris Convention for the Protection of Industrial Property for which that earlier application was filed (Rule 4.10(b)(ii)). See Supplemental Box.

Box No. VII INTERNATIONAL SEARCHING AUTHORITY

| | | | |
|---|--|--------|------------------------------|
| Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used): | Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority): | | |
| | Date (day/month/year) | Number | Country (or regional Office) |
| ISA / AT | | | |

Box No. VIII CHECK LIST; LANGUAGE OF FILING

| | | | |
|---|--|--|--|
| This international application contains the following number of sheets: | This international application is accompanied by the item(s) marked below: | | |
| request : 3 | 1. <input checked="" type="checkbox"/> fee calculation sheet | | |
| description (excluding sequence listing part) : 55 | 2. <input checked="" type="checkbox"/> separate signed power of attorney | | |
| claims : 13 | 3. <input type="checkbox"/> copy of general power of attorney; reference number, if any: | | |
| abstract : 1 | 4. <input type="checkbox"/> statement explaining lack of signature | | |
| drawings : 32 | 5. <input type="checkbox"/> priority document(s) identified in Box No. VI as item(s) | | |
| sequence listing part of description | 6. <input type="checkbox"/> translation of international application into (language): | | |
| | 7. <input type="checkbox"/> separate indications concerning deposited microorganism or other biological material | | |
| | 8. <input type="checkbox"/> nucleotide and/or amino acid sequence listing in computer readable form | | |
| | 9. <input type="checkbox"/> other (specify): | | |
| Total number of sheets : 104 | | | |

Figure of the drawings which should accompany the abstract: 13a Language of filing of the international application:

Box No. IX SIGNATURE OF APPLICANT OR AGENT

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).

LEE, Jae Hwa



| | | |
|---|-------|--|
| For receiving Office use only | | |
| 1. Date of actual receipt of the purported international application: | | 2. Drawings: <input type="checkbox"/> received: <input type="checkbox"/> not received: |
| 3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application: | | |
| 4. Date of timely receipt of the required corrections under PCT Article 11(2): | | |
| 5. International Searching Authority (if two or more are competent): | ISA / | |
| 6. <input type="checkbox"/> Transmittal of search copy delayed until search fee is paid. | | |

For International Bureau use only

Date of receipt of the record copy by the International Bureau:

The demand must be filed directly with the competent International Preliminary Examining Authority or, if two or more Authorities are competent, with the one chosen by the applicant. The full name or two-letter code of that Authority may be indicated by the applicant on the line below:
IPEA/AT

**PCT
DEMAND**

CHAPTER II

under Article 31 of the Patent Cooperation Treaty:

The undersigned request that the international application specified below be the subject of international preliminary examination according to the Patent Cooperation Treaty and hereby elects all eligible States (except where otherwise indicated).

For International Preliminary Examining Authority use only

Identification of IPEA

Date of receipt of DEMAND

| Box No. I IDENTIFICATION OF THE INTERNATIONAL APPLICATION | | Applicant's or agent's file reference |
|---|--|--|
| International application No. PCT/KR00/00725 | International filing date (day/month/year) 6 July 2000(06.07.00) | (Earliest) Priority date (day/month/year) 06 July 1999(06.07.99) |
| Title of invention READY LISTED ELECTRONIC COMMERCE SYSTEM AND METHOD | | |
| Box No. II APPLICANT(S) | | |
| Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) SEO, Hong Cheol Sejong Regencyvil 204-305, Taekjigebal 2 Jigu 2-3 Block, Gugal-ri, Giheung-eub, Yongin-si, Kyungki-do 449-701, Republic of Korea | | Telephone No.: 82-2-3424-1482 |
| | | Facsimile No.: 82-2-3424-1481 |
| | | Teleprinter No: |
| State (that is, country) of nationality: KR | State (that is, country) of residence: KR | |
| Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) | | |
| Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) | | |
| Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) | | |
| State (that is, country) of nationality: / | State (that is, country) of residence: | |
| <input type="checkbox"/> Further applicants are indicated on a continuation sheet. | | |

Box No. III AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE

The following person is agent common representative
 and has been appointed earlier and represents the applicant(s) also for international preliminary examination.
 is hereby appointed and any earlier appointment of (an) agent(s)/common representative is hereby revoked.
 is hereby appointed, specifically for the procedure before the International Preliminary Examining Authority, in addition to the agent(s)/common representative appointed earlier.

| | |
|---|---------------------------------|
| Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) | Telephone No.: 82-2-564-7733 |
| LEE, Jae Hwa 4 th floor Duck chun B/D., 718-10 Yoksam 1-dong, Kangnam-ku, Seoul, 135-081, Republic of Korea | Facsimile No.: 82-2-564-7743 |
| | Teleprinter No: |

Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

Box No. IV BASIS FOR INTERNATIONAL PRELIMINARY EXAMINATION**Statement concerning amendments:***

1. The applicant wishes the international preliminary examination to start on the basis of
 the international application as originally filed
 the description as originally filed
 as amended under Article 34

 the claims as originally filed
 as amended under Article 19 (together with any accompanying statement)
 as amended under Article 34

 the drawings as originally filed
 as amended under Article 34
2. The applicant wishes any amendment to the claims under Article 19 to be considered as reserved.
3. The applicant wishes the start of the international preliminary examination to be postponed until the expiration of 20 months from the priority date unless the International Preliminary Examining Authority receives a copy of any amendments made under Article 19 or a notice from the applicant that he does not wish to make such amendments (Rule 69 1(d)). *This check-box may be marked only where the time limit under Article 19 has not yet expired.*

* Where no check-box is marked, international preliminary examination will start on the basis of the international application as originally filed or, where a copy of amendments to the claims under Article 19 and/or amendments of the international application under Article 34 are received by the International Preliminary Examining Authority before it has begun to draw up a written opinion or the international preliminary examination report, as so amended

Language for the purposes of international preliminary examination: English

which is the language in which the international application was filed.
 which is the language of a translation furnished for the purposes of international search.
 which is the language of publication of the international application.
 which is the language of the translation (to be) furnished for the purposes of international preliminary examination.

Box No. V ELECTION OF STATES

The applicant hereby elects all eligible States (that is, all States which have been designated and which are bound by Chapter II of the PCT)

excluding the following States which the applicant wishes not to elect:

Box No.VI CHECK LIST

The demand is accompanied by the following elements, in the language referred to in Box No.VI, for the purposes of international preliminary examination:

1. translation of international application
2. amendments under Article 34
3. copy (or, where required, translation) of amendments under Article 19
4. copy (or, where required, translation) of statement under Article 19
5. letter
6. other (specify)

| For International Preliminary Examining Authority use only | |
|--|--------------------------|
| received | not received |
| <input type="checkbox"/> | <input type="checkbox"/> |

The demand is also accompanied by the item(s) marked below:

1. fee calculation sheet
2. separate signed power of attorney
3. copy of general power of attorney, reference number, if any
4. statement explaining lack of signature
5. nucleotide and or amino acid sequence listing in computer readable form
6. other (specify)

Box No.VII SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE

Next to each signature, indicate the name of the person signing and the capacity in which the person signs if such capacity is not obvious from reading the demand.

LEE, Jae Hwa



For International Preliminary Examining Authority use only

1. Date of actual receipt of DEMAND:

2. Adjusted date of receipt of demand due to CORRECTIONS under Rule 60.1(b):

3. The date of receipt of the demand is AFTER the expiration of 19 months from the priority date and item 4 or 5. below, does not apply. The applicant has been informed accordingly
4. The date of receipt of the demand is WITHIN the period of 19 months from the priority date as extended by virtue of Rule 80.5
5. Although the date of receipt of the demand is after the expiration of 19 months from the priority date, the delay in arrival is EXCUSED pursuant to Rule 82.

For International Bureau use only

Demand received from IPEA on: